

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/003037

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C10L1/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C10L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/116868 A1 (MULLAY JOHN J ET AL) 29 August 2002 (2002-08-29) page 7, paragraph 118; claims page 8, paragraph 125 - paragraph 133	1-18
X	US 2001/034308 A1 (KRULL MATTHIAS ET AL) 25 October 2001 (2001-10-25) page 1, paragraph 18 - page 2, paragraph 21 page 3, paragraph 53 - paragraph 55 page 4, paragraph 63 page 8, paragraph 113 - paragraph 124	1-158
A	GB 1 075 254 A (BRITISH PETROLEUM CO) 12 July 1967 (1967-07-12) page 1, line 11 - line 18	1-18
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

29 June 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>TSUJINO ET AL.: "Effects of various polymer additives on cavitation damage" SAE TECHNICAL PAPER NR. 864969, 1 January 1986 (1986-01-01), XP008023446 I Mech E, UK the whole document</p>	1-18

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/003037

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002116868	A1	29-08-2002	US 2002014033 A1	07-02-2002
			US 6383237 B1	07-05-2002
			US 6368367 B1	09-04-2002
			US 6368366 B1	09-04-2002
			US 2001022046 A1	20-09-2001
			US 2001020344 A1	13-09-2001
			BR 0116508 A	06-01-2004
			CA 2430955 A1	22-08-2002
			CN 1484687 T	24-03-2004
			EP 1358304 A2	05-11-2003
			WO 02064708 A2	22-08-2002
			AU 767781 B2	27-11-2003
			AU 5896100 A	30-01-2001
			BR 0012359 A	11-06-2002
			CA 2378505 A1	18-01-2001
			EP 1224248 A1	24-07-2002
			JP 2003504486 T	04-02-2003
			WO 0104239 A1	18-01-2001
			US 2002088167 A1	11-07-2002
			US 2001005955 A1	05-07-2001
			US 2002020106 A1	21-02-2002
			WO 02061017 A2	08-08-2002
US 2001034308	A1	25-10-2001	DE 10012946 A1	11-10-2001
			CA 2340867 A1	16-09-2001
			EP 1134273 A2	19-09-2001
			JP 2001288485 A	16-10-2001
			NO 20011310 A	17-09-2001
GB 1075254	A	12-07-1967	DE 1242975 B	22-06-1967
			DK 109114 C	18-03-1968
			NL 6511491 A	07-03-1966